

SEQUENCE LISTING

<110> Barbas, Carlos F., III
Kadan, Michael
Beerli, Roger

<120> LIGAND ACTIVATED TRANSCRIPTIONAL REGULATOR PROTEINS

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<141> 2000-06-02

<150> 09/433,042
<151> 1999-10-25

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<170> PatentIn Ver. 2.0

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<213> Artificial Sequence

<220>

<220>
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<212> DNA
<213> Artificial Sequence

<220>

<220>
<223> Description of Artificial Sequence: Construct
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<210> 5
<211> 6746
<212> DNA
<213> Artificial Sequence

<220>

<220>
<223> Description of Artificial Sequence: Construct
C7LBDAL

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 <212> DNA
 <213> Artificial Sequence

<220>

<220>
 <223> Description of Artificial Sequence: Construct
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 <213> Artificial Sequence

<220>

<220>
 <223> Description of Artificial Sequence: Construct
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<211> 6695
<212> DNA
<213> Artificial Sequence

<220>

<220>
<223> Description of Artificial Sequence: Construct
C7LBDBS

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<211> 6956
<212> DNA
<213> Artificial Sequence

<220>

<220>
<223> Description of Artificial Sequence: Construct
C7LBDCL

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<211> 6833
<212> DNA
<213> Artificial Sequence

<220>

<220>
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<213> Artificial Sequence

<220>

<220>
<223> Description of Artificial Sequence: Construct
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 <223> Description of Artificial Sequence: Construct
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<211> 6695
<212> DNA
<213> Artificial Sequence

<220>

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<223> Description of Artificial Sequence: Construct
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<210> 15
<211> 6695
<212> DNA
<213> Artificial Sequence

<220>

<220>
<223> Description of Artificial Sequence: Construct
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<213> Artificial Sequence

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gccgagcgca	gaagtggtcc	tgcacacttta	tccgcctcca	tccagctat	taattgttgc	6060
cgggagacta	gagtaagtag	ttcgccagtt	aatagttgc	gcaacgttgc	tgccatttg	6120

acaggcatcg tgggtcacg ctcgtcgaaa ggtatggctt cattcagctc cggttcccaa 6180
cgatcaaggc gagttacatg atccccatg ttgtcaaaa aagcggttag ctccctcggt 6240
cctccgatcg ttgtcagaag taagttggcc gcagtgttat cactcatgtt tatggcagca 6300
ctgcataatt ctcttactgt catgccatcc gtaagatgtt tttctgtgac tggtgagtac 6360
tcaaccaagt cattctgaga atagtgtatg cggcgaccga gttgcttgc cccggcgtca 6420
atacgggata ataccgcgcc acatagcaga actttaaaag tgctcatcat tggaaaacgt 6480
tcttcggggc gaaaactctc aaggatctt ccgctgttgc gatccagttc gatgtaaacc 6540
actcggtcac ccaactgate tttagcatct ttactttca ccagcggttc tgggtgagca 6600
aaaacaggaa ggcaaatatgc cgaaaaaaag ggaataaggg cgacacggaa atgttgaata 6660
ctcatactct tcctttca atattattga agcatttatac agggttatttgc tctcatgagc 6720
ggatacatat ttgaatgtat tttagaaaaat aaacaaatag gggttcccgac cacatttccc 6780
cgaaaagtgc cacctgacgt c 6801

<210> 17
<211> 1551
<212> DNA
<213> Artificial Sequence

<220>

<220>
<223> Description of Artificial Sequence: Construct
VP16C7ER

<400> 17
gctagcgcca ccatggggcg cgccggcgct ccccccggaccg atgtcagcct gggggacgag 60
ctccacttag acggcgagga cgtggcgatg gcgcattgcgc acgcgcgtaga cgatttcgat 120
ctggacatgt tgggggacgg ggattccccc ggtccggat ttacccccc caactccgccc 180
ccttacggcg ctctgatggatggccgcggacttc gagtttgagc agatgtttac cgatgccctt 240
gaaattgacg agtacggttt attaacaag cttggggccc aggccccctt cgagccctat 300
gcttgcctgt tcgagtcctg cgatcgccgc ttttctaagt cggctgatct gaagcgccat 360
atccgcattcc acacaggcca gaagcccttc cagttgcgaa tatgcattgcg taacttcagt 420
cgtatgtacc accttaccac ccacatccgc acccacacag gcgagaagcc ttttgcctgt 480
gacatttgcg ggaggaagtt tgccaggagt gatgaacgcgca agaggcatac caaaatccat 540
ttaagacaga aggactctag aactgtggc caggccggcc agggggatcc acgaaatgaa 600
atgggtctgt caggagacat gagggtctgcc aacctttggc caagccctct tggatggaa 660
cacactaaga agaatagccc tgccttgcctt tgacagctg accatgttgcg cagtccttgc 720
ttggatgtctg aaccggccat gatcttatttgc gatatgatc cttctagacc cttcagtgaa 780
gcctcaatga tgggcttattt gaccaaccta gcagataggg agctgggtca tatgtatcaac 840
tgggcaaaaga gagtggccagg ctttggggac ttgaatctcc atgatcaggt ccaccttctc 900
gagtgtgcct ggctggagat tctgtatgatt ggtctcgctt ggcgctccat ggaacacccg 960
ggaaagctcc tgtttgcctt taacttgcgc ctggacagga atcaaggtaa atgtgtggaa 1020
ggcatgggtgg agatcttgcgatgttgcctt gctacgtcaa gtcgggtcccg catgtatgaa 1080
ctgcagggtt aagagttgt gtgcctcaaa tccatcattt tgcttaattt cggagtgatc 1140
acgttctgtt ccagcacctt ggatctctg gaagagaagg accacatcca cctgtgtccctg 1200
gacaagatca gagacatctt gatccacccat atggccaaag ctggcctgac tctgcagcag 1260
cagcatcgcc gcctagctca gtccttctc attttttccc atatccggca catgagtaac 1320
aaaggcatgg agcatctcta caacatgaaa tgcaagaacgc ttgtggccctt ctatgacctg 1380
ctccctggaga tggatgtgc ccaccgcctt catgccccag ccagtcgcattt gggagtgc 1440
ccagaggagc ccagccagac ccagctggcc accaccagct ccacttcagc acattcctta 1500
caaacctact acatacccccc ggaaggcagag ggcttcccca acacgatctg a 1551

<210> 18
<211> 1404
<212> DNA
<213> Artificial Sequence

<220>

<220>
<223> Description of Artificial Sequence: Construct
VP16C7PR

<400> 18
gctagcgcca ccatggggcg cgccggcgct ccccccggaccg atgtcagcct gggggacgag 60
ctccacttag acggcgagga cgtggcgatg gcgcattgcgc acgcgcgtaga cgatttcgat 120
ctggacatgt tgggggacgg ggattccccc ggtccggat ttacccccc caactccgccc 180

ccctacggcg ctctggatat ggccgacttc gagttttagc agatgttac cgatgccctt 240
ggaattgacg agtacggttt attaacaag cttggggccc aggccccct cgagccctat 300
gcttgcctg tcgagtcctg cgatcgccgc ttttctaagt cggctgatct gaagcgccat 360
atccgcaccc acacaggcca gaagcccttc cagtgtcgaa tatgcatgcg taacttcagt 420
cgtagtgacc accttaccac ccacatccgc acccacacag gcgagaagcc ttttgctgt 480
gacatttgcg ggaggaagtt tgccaggagt gatgaacgca agaggcatac caaaatccat 540
ttaagacaga aggactctag aactagtggc caggccggcc agggggatcc agtcagagtt 600
gtgagagcac tggatgctgt tgctctccca cagccagtgg gcgttccaaa taaaagccaa 660
gccttaagcc agagattcac ttttccacca ggtcaagaca tacagtttat tccaccactg 720
atcaacctgt taatgagcat tgaaccaggat gtatctatc caggacatga caacacaaaa 780
cctgacaccc ccagttctt gctgacaagt cttaatcaac taggcgagag gcaacttctt 840
tcagtagtca agtggctaa atcattgcca ggtttcgaa acttacatat tcatgaccag 900
ataactctca ttcatgattc ttggatgagc ttaatgggtt ttggtcttagg atggagatcc 960
tacaaacacag tcagtgccca gatgctgtat tttgcacctg atctaatact aaatgaacag 1020
cgatgaaag aatcatcatt ctattcatta tgccttacca tgtggcagat cccacaggag 1080
tttgtcaagc ttcaagttag ccaagaagag ttccctctgta tgaaagtatt gtacttctt 1140
aatacaattt ctttggaaagg gctcaagat caaaccaggat ttgaggagat gaggtcaagc 1200
tacatttagag agtcatcaa ggcaatttgtt ttgaggccaa aaggagttgt gtcgagctca 1260
cagcgtttct atcaacttac aaaacttctt gataacttgc atgatcttgc caaacaactt 1320
catctgtact gcttaatac atttatccag tcccgccac tgagtgttga atttccagaa 1380
atgatgtctg aagttattgc ttga 1404

<210> 19

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Recombinant molecule

<400> 19

Thr Gly Glu Lys Pro
1 5

<210> 20

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Recombinant molecule

<220>

<221> n= {N}x ; X= any number

<222> 10

<400> 20

ggcccacgcn gcgtggcgcg

19

<210> 21

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Recombinant molecule

<220>

<221> n= {N}x; X= any number

<222> 19

D E S C R I P T I O N

<400> 21
cgccgcccgc cggccgcng cgtgggcg

<210> 22
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 22

Met Lys Leu Leu Glu Pro Tyr Ala Cys Pro Val Glu Ser Cys Asp Arg
1 5 10 15

Arg Phe Ser Lys Ser Ala Asp Leu Lys Arg His Ile Arg His Thr Gly
20 25 30

Glu Lys Pro
35

<210> 23
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 23

Tyr Ala Cys Pro Val Glu Ser Cys Asp Arg Arg Phe Ser Lys Ser Ala
1 5 10 15

Asp Leu Lys His Ile Arg Ile His Thr Gly Glu Lys Pro
20 25

<210> 24
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 24

cctcggccgc gcgggttttc ccgcggcccc gagg 34

<210> 25
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule
<220>

<221> nnn= a mixture of all 64 existing triplets and its complement
<222> 26-28 and 7-9 respectively

<400> 25
ggacgcnnnc gcgggttttc ccgcgnnngc gtcc 34

<210> 26
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 26
gcgagcaagg tcgcggcagt cactaaaaga tttgccgac tctggcatt tatacggtt 60
ttcacc 66

<210> 27
<211> 74
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 27
gtgactgccc cgaccttgct cgccatcaac gcactcatac tggcgagaag ccatacaa 60
gtccagaatg tggc 74

<210> 28
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 28
gtaagtccct tctctcagag ctctcacctg gtgcgccacc agcgtaccca cacgggtgaa 60
aaaccgtata aatgcccaga g 81

<210> 29
<211> 58
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 29
acgcaccagg ttgtcagagc ggctgaaaga cttgccacat tctggacatt tgtatggc 58

<210> 30
<211> 87
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 30
gaggaggagg aggtggccca ggccggccctc gagcccgaaa agaagcccta tgcttgtccg 60
gaatgtggta agtccttctc tcagagc 87

<210> 31
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 31
gaggaggagg agctggccgg cctggccact agttttta ccggtgtgag tacgttggtg 60
acgcaccagc ttgtcagagc g 81

<210> 32
<211> 44
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 32
gaggaggagg cttagcggtt gtggtcttgc cctcaacagg tagg 44

<210> 33
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 33
gaggaggagg agcttctcggt ccgcctccccg cggcgctccg c 41

<210> 34
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 34
gaggaggagg cttagccatg tgactgtctc ctcccaaatt tgttagacc 48

<210> 35
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 35
gaggaggagg agcttgggtgc tcactgcggc tccggcccca tg 42

<210> 36
<211> 11
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Recombinant molecule

<400> 36
Asp Ala Leu Asp Asp Phe Asp Leu Asp Met Leu
1 5 10

<210> 37
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 37
gaggagggct gtttggaa gta

23

<210> 38
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 38
gccggagcca tggggccgga gcc

23

<210> 39
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 39
cctactgccc gcactagtcc tgctggagac atgagagctg ccaaccctt

48

<210> 40
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 40
cctaaacgta cggctagtgg gcgcatgtag gcgggtggcgc tc

42

<210> 41
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 41
cctaaacgta cggactgtgg cagggaaacc ctctgcctc

39

00000000000000000000000000000000

<210> 42
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 42
ccacttaaat gtgaaagtgc tacgccggcc 30

<210> 43
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 43
tatggggggc tcagcatcca acaaggcact 30

<210> 44
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 44
cctactacta gtgaccgaag aggagggaga atgttcaaac acaagcgc 48

<210> 45
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 45
cctactacta gtagtattca aggacataac gactatatgt gt 42

<210> 46
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 46
tatcatgtgc ggccgcttac ttagttaccc cggcagcat 39

<210> 47
<211> 39
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Recombinant molecule

<400> 47
Pro Ala Asp Ala Leu Asp Asp Phe Asp Leu Asp Met Leu Pro Ala Asp
1 5 10 15
Ala Leu Asp Asp Phe Asp Leu Asp Met Leu Pro Ala Asp Ala Leu Asp
20 25 30
Asp Phe Asp Leu Asp Met Leu
35

<210> 48

<211> 41

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Recombinant molecule

<400> 48

gatccaaagt cgcgtggcg cagcgccac gcgatcaaag a 41

<210> 49

<211> 41

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Recombinant molecule

<400> 49

gatccaaagt ccaggcgagc gcgtggcgag cagatcaaag a 41

<210> 50

<211> 47

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Recombinant molecule

<400> 50

gatccaaagt cgcgtggcg caggcgcgag cgtggcgga tcaaaga 47

<210> 51

<211> 41

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Recombinant molecule

<400> 51

gatccaaagt cgcgtggcg cagcgccac gcgatcaaag a 41

<210> 52

<211> 41

<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant
molecule

<400> 52
gatccaaagt cgcggtggcg cactccggcc ccgatcaaag a 41

<210> 53
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant
molecule

<400> 53
gatccaaagt cggggccgga gactccggcc ccgatcaaag a 41

<210> 54
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant
molecule

<400> 54
gccggagcca tggggccgga gcc 23

<210> 55
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant
molecule

<400> 55
cgctccctct caggcgcagg g 21

<210> 56
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant
molecule

<400> 56
ggcgccccact gtggggcgagg c 21

<210> 57
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant
molecule

<400> 57
gaggaggagg gccggccggg aagccgtgca ggaggagcgg c 41

<210> 58
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 58
gaggaggagg ggcgcgccag tcatttggtg cggcgctcc agc 43

<210> 59
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 59
gaggaggagt taattaaagt catttggtgc ggccgcctcca gc 42

<210> 60
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 60
gaggaggagg gccggccggg gtggcggcca agactttgtt aagaagg 47

<210> 61
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 61
gaggaggagg gcccaggcgg ccgggtggcgg ccaagacttt gttaagaagg 50

<210> 62
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 62
gaggaggagg ggcgcgccgg catgaacgtc ccagatctcc tcgag 45

<210> 63
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant

molecule

<400> 63
gaggaggagg gccggccgga ggcctgaatg tgtcatacag gagccc 46
<210> 64
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 64
gaggaggagg gcccaggcgg ccaggcctga atgtgtata caggagccc 49
<210> 65
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 65
gaggaggagg gcgcgcacct ccgccacgtc ccagatctcc tcgag 45
<210> 66
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 66
gtacagatgc tccatgcgtt tgttactcat gtgcc 35
<210> 67
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 67
ggcacatgag taacaaacgc atggagcatc tgtac 35
<210> 68
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant molecule

<400> 68
ccatggagca cccagtgaag ctactgttg c 31
<210> 69
<211> 31

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Recombinant
molecule
<400> 69
gcaaacagta gttcactgg gtgctccatg g

31

<210> 70
<211> 624
<212> DNA
<213> Muridae

<220>
<221> CDS
<222> (1)...(624)
<223> cDNA encoding secretion signal and
murine endostain protein.

<400> 70
atg gag aca gac aca ctc ctg cta tgg gta ctg ctg ctc tgg gtt cca 48
Met Glu Thr Asp Thr Leu Leu Trp Val Leu Leu Trp Val Pro
1 5 10 15
ggt tcc act ggt gac gcg gcc cat act cat cag gac ttt cag cca gtg 96
Gly Ser Thr Gly Asp Ala Ala His Thr His Gln Asp Phe Gln Pro Val
20 25 30
ctc cac ctg gtg gca ctg aac acc ccc ctg tct gga ggc atg cgt ggt 144
Leu His Leu Val Ala Leu Asn Thr Pro Leu Ser Gly Gly Met Arg Gly
35 40 45
atc cgt gga gca gat ttc cag tgc ttc cag caa gcc cga gcc gtg ggg 192
Ile Arg Gly Ala Asp Phe Gln Cys Phe Gln Gln Ala Arg Ala Val Gly
50 55 60
ctg tcg ggc acc ttc cgg gct ttc ctg tcc tct agg ctg cag gat ctc 240
Leu Ser Gly Thr Phe Arg Ala Phe Leu Ser Ser Arg Leu Gln Asp Leu
65 70 75 80
tat agc atc gtg cgc cgt gct gac cgg ggg tct gtg ccc atc gtc aac 288
Tyr Ser Ile Val Arg Arg Ala Asp Arg Gly Ser Val Pro Ile Val Asn
85 90 95
ctg aag gac gag gtg cta tct ccc agc tgg gac tcc ctg ttt tct ggc 336
Leu Lys Asp Glu Val Leu Ser Pro Ser Trp Asp Ser Leu Phe Ser Gly
100 105 110
tcc cag ggt caa gtg caa ccc ggg gcc cgc atc ttt tct ttt gac ggc 384
Ser Gln Gly Gln Val Gln Pro Gly Ala Arg Ile Phe Ser Phe Asp Gly
115 120 125
aga gat gtc ctg aga cac cca gcc tgg ccg cag aag agc gta tgg cac 432
Arg Asp Val Leu Arg His Pro Ala Trp Pro Gln Lys Ser Val Trp His
130 135 140
ggc tcg gac ccc agt ggg cgg agg ctg atg gag agt tac tgt gag aca 480
Gly Ser Asp Pro Ser Gly Arg Arg Leu Met Glu Ser Tyr Cys Glu Thr
145 150 155 160
tgg cga act gaa act act ggg gct aca ggt cag gcc tcc tcc ctg ctg 528
Trp Arg Thr Glu Thr Thr Gly Ala Thr Gly Gln Ala Ser Ser Leu Leu
165 170 175
tca ggc agg ctc ctg gaa cag aaa gct gcg agc tgc cac aac agc tac 576

Ser Gly Arg Leu Leu Glu Gln Lys Ala Ala Ser Cys His Asn Ser Tyr
180 185 190

atc gtc ctg tgc att gag aat agc ttc atg acc tct ttc tcc aaa tag 624
Ile Val Leu Cys Ile Glu Asn Ser Phe Met Thr Ser Phe Ser Lys *
195 200 205

<210> 71
<211> 207
<212> PRT
<213> Muridae

<400> 71
Met Glu Thr Asp Thr Leu Leu Leu Trp Val Leu Leu Leu Trp Val Pro
1 5 10 15
Gly Ser Thr Gly Asp Ala Ala His Thr His Gln Asp Phe Gln Pro Val
20 25 30
Leu His Leu Val Ala Leu Asn Thr Pro Leu Ser Gly Gly Met Arg Gly
35 40 45
Ile Arg Gly Ala Asp Phe Gln Cys Phe Gln Gln Ala Arg Ala Val Gly
50 55 60
Leu Ser Gly Thr Phe Arg Ala Phe Leu Ser Ser Arg Leu Gln Asp Leu
65 70 75 80
Tyr Ser Ile Val Arg Arg Ala Asp Arg Gly Ser Val Pro Ile Val Asn
85 90 95
Leu Lys Asp Glu Val Leu Ser Pro Ser Trp Asp Ser Leu Phe Ser Gly
100 105 110
Ser Gln Gly Gln Val Gln Pro Gly Ala Arg Ile Phe Ser Phe Asp Gly
115 120 125
Arg Asp Val Leu Arg His Pro Ala Trp Pro Gln Lys Ser Val Trp His
130 135 140
Gly Ser Asp Pro Ser Gly Arg Arg Leu Met Glu Ser Tyr Cys Glu Thr
145 150 155 160
Trp Arg Thr Glu Thr Thr Gly Ala Thr Gly Gln Ala Ser Ser Leu Leu
165 170 175
Ser Gly Arg Leu Leu Glu Gln Lys Ala Ala Ser Cys His Asn Ser Tyr
180 185 190
Ile Val Leu Cys Ile Glu Asn Ser Phe Met Thr Ser Phe Ser Lys
195 200 205

<210> 72
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Integrin β_3 (B3B) target sequence

<400> 72 18
gcctgagagg gagcggtg

<210> 73
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Integrin β_3 (B3C) target sequence

<400> 73 18
ggaggggacg cgggtgggt

<210> 74
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ErbB-2 (E2B2) target sequence

<400> 74
tggtgagaac ggctgcaggc 20

<210> 75
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ErbB-2 (E2C) target sequence

<400> 75
ggggccggag ccgcagtg 18

<210> 76
<211> 18
<212> DNA
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<220>
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<210> 77
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<220>
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1 5

<210> 78
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<220>
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1 5

<210> 79
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<220>
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1 5

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1 5

<210> 82
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<210> 83
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<210> 84
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<210> 86
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<400> 86
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<210> 87
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<400> 87
Arg Ser Asp Lys Leu Val Arg
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<210> 88
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<210> 89
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<210> 90
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<210> 91
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1 5

<210> 92
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<400> 92
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